



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 3 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation			Rotary cam
· ·			switches 7GN20
Product type designation General characteristics			7 GN20
Switching diagram			94 - Multi-step 1- 2-3-4 3 poles
N° of elements			6
Mounting form			U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp	01,007	kV	6
Conventional free air thermal current Ith			<u> </u>
	IEC/EN	Α	20
	UL/CSA	Α	20
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	4.01- 4	Δ.	00
	10kA 15kA	A A	20 16
	25kA	A	16
Rated short time current lcw	2010 (, ·	
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			_
AC1/AC21A			
1045		A	20
AC15	110V	۸	10
	220/230V	A A	10 8
	380/400V	A	6
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3
	380/440V	kW	5.5
Single phase AC 2	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.8
	220/230V	kW	2.2
	380/440V	kW	3
Three-phase AC23A			
	220/230V	kW	5
	380/440V	kW	7.5
0: 1 1 4000	500/690V	kW	7.5
Single-phase AC23A	440\/	121/1/	0.0
	110V 220/230V	kW kW	0.8 2.5
	380/440V	kW	3.7
	230,	•	-





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Rated operational c				
	DC21A	40)/		0.0
		48V	A	20
		60V	A	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		4401	W	0.13
Mechanical features			V V	0.0
viechanicai features Ferminals screw				M3
	or terminals may		Nm	0.5
Fightening torque fo	or terminals max		INIII	0.5
Conductor size	AMO BULL II			
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	· , -	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 ⁶
JL technical data				
Motor power for dire	ect-on-line control			
•	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10
	for single-phase motor	000 V	111	10
	ioi siligie-pliase iliotol	120V	HP	0.75
		240V	пР HP	
\mbiont conditions		24UV		2
Ambient conditions				
Temperature	Out of the transfer			
	Operating temperature			-
		min	°C	-25
		max	°C	+55
	Storage temperature			





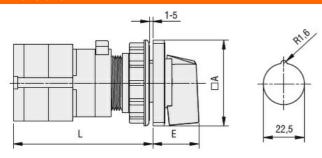
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min	°C	-40
max	°C	+70

7GN2094U47

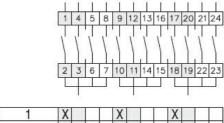
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions



Series	Dimer	L					
	eries DA E		1	2	3	8	
7GN12	48	26.5	58	67.7	77.4	125.9	
7GN20	48	26.5	58	67.7	77.4	125.9	
7GN25	48	26.5	62.4	76	89.6	157.6	

Wiring diagrams



1	X				X				X			
2			Χ				Χ				X	
3				X				Χ				X
4		Χ				Χ				Χ		
			83			8	37					
											94	_

Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1 IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete